

Converting Colors

HunterLab(49.2336, -14.7952,
-15.5124)

Have a look what the booklet for
HunterLab(49.2336, -14.7952,
-15.5124) contains.

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Color

**HunterLab(49.3782,
-14.9621, -15.4995)**

Conversions

Conversions Part 1

Format	Color
Hex	4491AA
RGB	68, 145, 170
RGB Percent	27%, 57%, 67%
CMY	0.7333, 0.4314, 0.3333
CMYK	0.60, 0.15, 0.00, 0.33
HSL	195°, 43%, 47%
HSV	195°, 60%, 67%
XYZ	19.7650, 24.3821, 41.6948
YIQ	124.8270, -53.9170, -8.5490

Conversions

Conversions Part 2

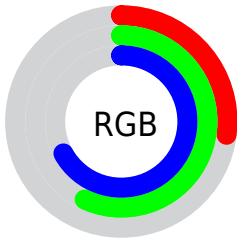
Format	Color
R_{YB}	68, 112, 170
Decimal	4493738
CIE _{Lab}	56.47, -16.14, -20.29
CIE _{LCh}	56, 25.924, 231.501
Yxy	24.3830, 0.2303, 0.2840
Android (android.graphics.Color)	4282683818 (0xFF4491AA)
YUV	124.8270, 22.2703, -49.8373
Hunter-Lab	49.3782, -14.9621, -15.4995

Details

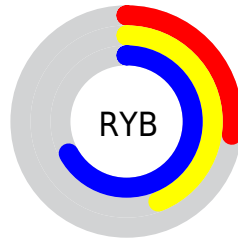
The HunterLab color $49.3782, -14.9621, -15.4995$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $40.9793, 22.0943, 17.7243$, and the grayscale version is $45.1501, -2.4091, 2.4531$.

A 20% lighter version of the original color is $71.1639, -18.0060, -15.8128$, and $30.5179, -10.8680, -14.6839$ is the 20% darker color. If you saturate the color by 10%, you get $47.5474, -15.1755, -18.3902$, and if you desaturate by 10%, it is $51.3637, -14.2072, -12.4982$.

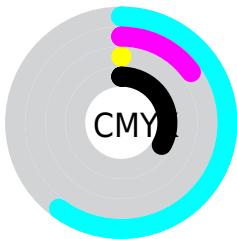
Distribution



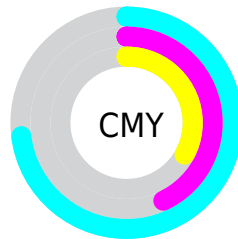
- Red (27%)
- Green (57%)
- Blue (67%)



- Red (27%)
- Yellow (44%)
- Blue (67%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3782, -14.9621, -15.4995 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 49.3782, -14.9621, -15.4995 by changing the saturation by 10% instead.

■ 49.3782, -14.9621,
-15.4995

■ 49.3782, -14.9621,
-15.4995

165.7561,
-27.8496, -15.9530

■ 39.5196, -13.4577,
-15.1526

■ 71.1719, -17.8822,
-15.9937

■ 30.4207, -11.9032,
-14.7421

■ 83.0239, -19.3165,
-16.1475

■ 22.1526, -10.2723,
-14.2797

■ 95.4692, -20.7418,
-16.2430

■ 14.8088, -8.5183,
-13.8101

■ 108.4809,
-22.1623, -16.2836

■ 8.4627, -8.7612,
-13.6882

■ 122.0353,
-23.5811, -16.2723

0.0000, NaN, -NF

0.0000, NaN, NaN

136.1114,

-25.0007, -16.2117

0.0000, NaN, NaN

150.6906,
-26.4230, -16.1045

0.0000, NaN, NaN

■ 49.3782, -14.9621,
-15.4995

■ 49.3782, -14.9621,
-15.4995

■ 47.5474, -15.1755,
-18.3902

■ 51.3637, -14.2072,
-12.4982

■ 45.8692, -14.8381,
-21.1535

■ 53.4976, -12.9346,
-9.4099

■ 44.3403, -13.9632,
-23.7752

■ 55.7754, -11.1771,
-6.2543

■ 42.9283, -12.6746,
-26.2954

■ 58.1904, -8.9728,
-3.0498

■ 42.9279, -12.6742,
-26.2962

■ 60.7354, -6.3613,
0.1879

■ 63.4030, -3.3820,
3.4457

■ 66.1856, -0.0724,
6.7135

■ 69.0761, 3.5328,
9.9834

■ 72.0677, 7.4019,
13.2495

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.3791, -20.5839, -5.1517



49.3782, -14.9621, -15.4995



49.3791, -5.6822, -21.2381

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



49.3791, -14.9622, -15.4986



49.3791, 19.7311, -0.3353



49.3791, -10.0522, 17.8143

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



49.3782, -14.9621, -15.4995



40.9793, 22.0943, 17.7243

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



49.3791, 0.4831, 18.5602



49.3782, -14.9621, -15.4995



49.3791, 18.3061, 9.4213

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.3791, -14.9622, -15.4986



49.3791, 14.7698, -11.3274



49.3791, 11.0289, 15.8314



49.3791, -17.9240, 13.5126

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.3782, -14.9621, -15.4995



49.3791, 1.5907, -20.9763



49.3791, 11.0289, 15.8314



49.3791, -6.7279, 18.4459

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



49.3791, -14.9622, -15.4986



78.9425, -11.5353, -3.3821



55.4511, -36.8998, 22.7444



36.8300, -5.8857, -2.1801



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.3791, -14.9622, -15.4986



63.2750, -20.3728, -26.0231



35.1465, 8.3301, -42.3527



28.6634, -2.8978, 0.1983



36.9408, -11.0444, -22.3312



6.3640, -2.5432, -2.4643

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



38.3738, 43.3508, -16.9861



47.2974, 69.4097, -25.5946



53.4314, -1.9218, 26.8211



27.6310, 1.7903, -0.1090



27.2922, 50.9965, -15.3699



4.3427, 8.2578, -3.5557

Previews

White Background



This preview shows how the HunterLab color 49.3782, -14.9621, -15.4995 looks on a white background.

Color Contrast Check

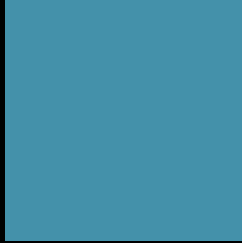
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.3782, -14.9621, -15.4995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

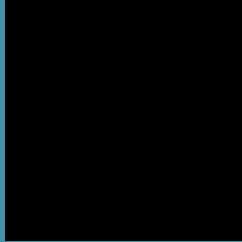
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.3782, -14.9621, -15.4995 Background



This preview shows how black text looks on a background with the HunterLab color 49.3782, -14.9621, -15.4995.



This preview shows how white text looks on a background with the HunterLab color 49.3782, -14.9621, -15.4995.

-14.9621, -15.4995.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

49.3782, -14.9621, -15.4995

Protanopia

49.0416, 1.3945, -11.0820

Deuteranopia

49.1008, 3.8537, -17.4162



Tritanopia

49.4241, -18.8049, -9.2228

Trichromacy



Original Color

49.3782, -14.9621, -15.4995

Protanomaly

48.7173, -5.3779, -13.3975

Deuteranomaly

48.9224, -4.1187, -17.2272

Tritanomaly

49.3213, -17.2966, -11.5650

Monochromacy



Original Color

49.3782, -14.9621, -15.4995

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.2263, -8.4248, -3.9838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3782, -14.9621, -15.4995 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(68, 145, 170)` looks like.

```
.text, #text, p{  
    color:rgb(68, 145, 170)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(68, 145, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 145, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3782, -14.9621, -15.4995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(68, 145, 170) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(68, 145, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(68, 145, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 145, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 145, 170);  
box-shadow:4px 4px 4px 4px rgb(68, 145,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3782, -14.9621, -15.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 145, 170) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(68, 145,  
170) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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